

Ques 2

Code:

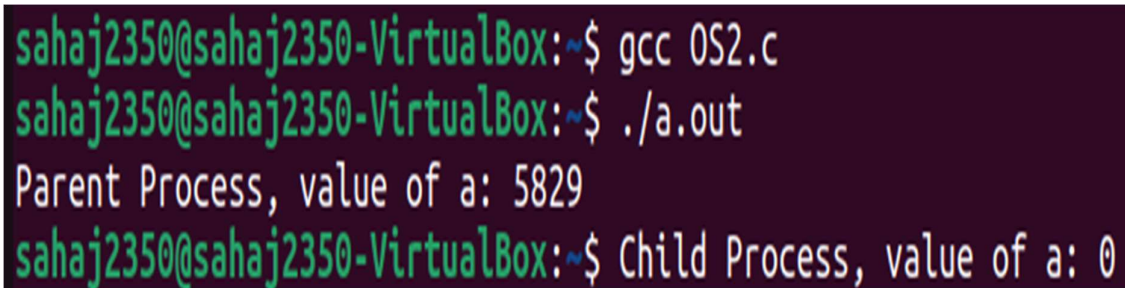
```
#include <stdio.h>
#include <unistd.h>
int main()
{
    int a;
    a = fork();

    if (a == 0) {
        printf("Child Process, value of a: %d\n", a);

    } else if (a > 0) {
        printf("Parent Process, value of a: %d\n", a);
    } else {
        printf("Fork failed\n");
    }

    return 0;
}
```

Output:



```
sahaj2350@sahaj2350-VirtualBox:~$ gcc OS2.c
sahaj2350@sahaj2350-VirtualBox:~$ ./a.out
Parent Process, value of a: 5829
sahaj2350@sahaj2350-VirtualBox:~$ Child Process, value of a: 0
```